

### ABSTRACT

A flat panel display, such as an LCD, has a substrate for fabricating thereon pixel electrodes and data and gate lines which are connected to pad terminals to communicate electronic signals to and from the display panel. To enhance the contact between the pad terminals to outer devices, such as display drivers, a plurality of holes are created near the pad terminals of the display panel to adhere the tape carrier package (TCP) to the substrate of the display panel. The TCP securely attached to the substrate prevents the passivation layer of the pixel electrodes from being disturbed from its original configuration or peeled off from the substrate.